

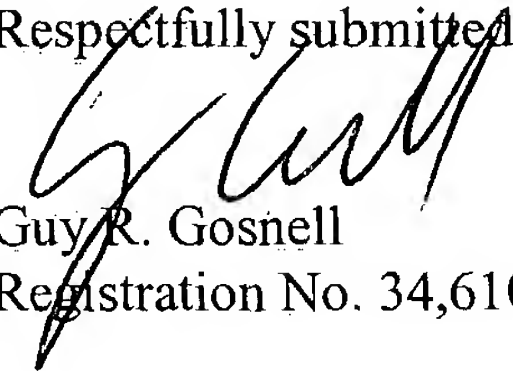
In re: Munekazu Date, et al.
Appl. No.: To Be Assigned
Filed: Concurrently Herewith
Attorney Docket No. 041309/262109
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REMARKS

The present application is a divisional application and a cross-reference to the parent application has therefore been added to the specification. As will be noted, this divisional application has been filed to pursue the group of claims identified as Group VI in the restriction requirement issued in the parent application. Thus, the claims have been amended to cancel the original claims that do not correspond to this group, such that Claims 74, 75, 80, 83, 93, 99, 105, 111, 115, 117, 118, 123, 126, 136, 142, 148, 154 and 160 remain. A number of the remaining claims have also been amended to remove the multiple dependencies. Thus, Applicants request entry of this Preliminary Amendment prior to examination and prior to calculation of the filing fee.

It is not believed that extensions of time or fees for net addition of claims are required, beyond those that may otherwise be provided for in documents accompanying this paper. However, in the event that additional extensions of time are necessary to allow consideration of this paper, such extensions are hereby petitioned under 37 CFR § 1.136(a), and any fee required therefore (including fees for net addition of claims) is hereby authorized to be charged to Deposit Account No. 16-0605.

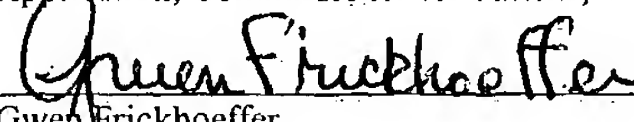
Respectfully submitted,


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I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Box Patent Application, Commissioner for Patents, Washington, DC 20231.


Gwen Frickhoeffter

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Version With Markings to Show Changes Made:

In the Specification:

Please rewrite the paragraph beginning on page 1, line 1, as follows:

CROSS-REFERENCE TO RELATED APPLICATION(S)

This application is a divisional of U.S. Patent Application No. 09/361,856 filed July 27, 1999 which, in turn, is based on Patent Application Nos. 212,780/1998 filed July 28, 1998 in Japan and 247,871/1998 filed on September 2, 1998 in Japan, the content of all of which is incorporated hereinto by reference.

In The Claims:

Please cancel Claims 1-73, 76-79, 81, 82, 84-92, 94-98, 100-104, 106-110, 112, 113, 114, 116, 119-122, 124, 125, 127-135, 137-141, 143-147, 149-153, 155-159 and 161-165 without prejudice to presentation in divisional applications. Please amend Claims 80, 83, 93, 99, 105, 111, 115, 123, 126, 136, 142, 148, 154 and 160 as follows:

80. (Amended) The optical device as claimed in Claim 74 [or 75], wherein at least one of said first electrode and said second electrode comprises an electrode group divided into strips, when both of said first electrode and said second electrode comprise electrode groups divided into strips, said plurality of strip-formed electrodes constituting said first electrode and said plurality of strip-formed electrodes constituting said second electrodes are disposed to be perpendicular to each other.

83. (Amended) The optical device as claimed in Claim 74 [or 75], wherein at least one of said first electrode and said second electrode is divided into display pixel units, and each of said divided display pixel units has a switching device.

93. (Amended) The optical device as claimed in Claim 74 [or 75], wherein said optical control layer is made of a reverse mode polymer dispersed liquid crystal which is constructed by dispersing a low molecular-weight liquid crystal in a liquid crystalline polymer, and said optical

control layer becomes a uniform birefringent thin film when no electric field is applied and becomes a scattering state when an electric field is applied.

99. (Amended) The optical device as claimed in Claim 74 [or 75], wherein said optical control layer comprises one of constructions of liquid crystal particles dispersed in a polymer resin area, a polymer dispersed liquid crystal comprising polymer resin particles dispersed in a liquid crystal, and a polymer dispersed liquid crystal in which respective polymer resin area and liquid crystal area form continuous areas.

105. (Amended) The optical device as claimed in Claim 74 [or 75], wherein said optical control layer comprises a holographic polymer dispersed liquid crystal of liquid crystal area having a structure periodically distributed in the form of a diffraction grating.

111. (Amended) The optical device as claimed in Claim 74 [or 75], wherein said reflection film comprises one selected from:

- a dielectric multilayered film; and
- a film lower in refractive index than said light guide.

115. (Amended) The optical device as claimed in Claim 89 [or 90], wherein said reflection film comprises one selected from:

- a dielectric multilayered film; and
- a film lower in refractive index than said light guide.

123. (Amended) The optical device as claimed in Claim 117 [or 118], wherein at least one of said first electrode and said second electrode comprises an electrode and said second electrode comprises an electrode group divided into strips, when both of said first electrode and said second electrode comprise electrode groups divided into strips, said plurality of strip-formed electrodes constituting said first electrode and said plurality of strip-formed electrodes constituting said second electrodes are disposed to be perpendicular to each other.

126. (Amended) The display apparatus as claimed in Claim 117 [or 118], wherein at least one of said first electrode and said second electrode is divided into display pixel units, and each of said divided display pixel units has a switching device.

136. (Amended) The display apparatus as claimed in Claim 117 [or 118], wherein said optical control layer is made of a reverse mode polymer dispersed liquid crystal which is constructed by dispersing a low molecular-weight liquid crystal in a liquid crystalline polymer, and said optical control layer becomes a uniform birefringent thin film when no electric field is applied and becomes a scattering state when an electric field is applied.

142. (Amended) The display apparatus as claimed in Claim 117 [or 118], wherein said optical control layer comprises one of constructions of liquid crystal particles dispersed in a polymer resin area, a polymer dispersed liquid crystal comprising polymer resin particles dispersed in a liquid crystal, and a polymer dispersed liquid crystal in which respective polymer resin area and liquid crystal area form continuous areas.

148. (Amended) The display apparatus as claimed in Claim 117 [or 118], wherein said optical control layer comprises a holographic polymer dispersed liquid crystal of liquid crystal area having a structure periodically distributed in the form of a diffraction grating.

154. (Amended) The display apparatus as claimed in Claim 117 [or 118], wherein said reflection film comprises a film lower in refractive index than a dielectric multilayered film or said light guide.

160. (Amended) The display apparatus as claimed in Claim 117 [or 118], wherein said illumination means has at least a red light source, a blue light source, and a green light source, and further comprising means for successively switching said red light source, blue light source and green light source in synchronization with display image.